

--Claim 128. A method of preventing a respiratory syncytial virus (RSV) infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a variable light (VL) domain having an amino acid sequence of SEQ ID NO: 11, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.

Claim 129. A method of preventing a RSV infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a variable heavy (VH) domain having an amino acid sequence of SEQ ID NO: 48, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.

Claim 130. The antibody of claim 128 further comprising a VH domain having an amino acid sequence of SEQ ID NO: 48.

Claim 131. A method of preventing a RSV infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a VH complementarity determining region (CDR) 1 having an amino acid sequence of SEQ ID NO: 10, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.

Claim 132. A method of preventing a RSV infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a VH CDR2 having an amino acid sequence of SEQ ID NO: 19, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.

Claim 133. A method of preventing a RSV infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a VH CDR3 having an amino acid sequence of SEQ ID NO: 20, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.

Claim 134. A method of preventing a RSV infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a VL CDR1 having an amino acid sequence of SEQ ID NO: 39, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.--

137. (New) The method of claim 131, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39.

138. (New) The method of claim 131, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

139. (New) The method of claim 131, wherein the antibody further comprises a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

140. (New) The method of claim 132, wherein the antibody further comprises a VL CDR 1 having an amino acid sequence of SEQ ID NO:39.

141. (New) The method of claim 132, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

142. (New) The method of claim 132, wherein the antibody further comprises a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

143. (New) The method of claim 133, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39.

144. (New) The method of claim 133, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

145. (New) The method of claim 133, wherein the antibody further comprises a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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146. (New) The method of claim 131, wherein the antibody further comprises a VH CDR2 having an amino acid sequence of SEQ ID NO:19.

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147. (New) The method of claim 131, wherein the antibody further comprises a VH CDR3 having an amino acid sequence of SEQ ID NO:20.

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148. (New) The method of claim 132, wherein the antibody further comprises a VH CDR3 having an amino acid sequence of SEQ ID NO:20.

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149. (New) The method of claim 146, wherein the antibody further comprises a VH CDR3 having an amino acid sequence of SEQ ID NO:20.

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150. (New) The method of claim 146, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39.

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151. (New) The method of claim 146, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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152. (New) The method of claim 146, wherein the antibody further comprises a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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153. (New) The method of claim 147, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39.

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154. (New) The method of claim 147, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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155. (New) The method of claim 147, wherein the antibody further comprises a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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156. (New) The method of claim 148, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39.

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157. (New) The method of claim 148, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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158. (New) The method of claim 148, wherein the antibody further comprises a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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159. (New) The method of claim 149, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39.

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160. (New) The method of claim 149, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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161. (New) The method of claim 149, wherein the antibody further comprises a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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162. (New) The method of claim 134, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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--Claim 163. The method of claim 134, wherein the antibody further comprising a VL CDR3 having an amino acid sequence of SEQ ID NO: 6.--

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165. (New) The method of claim 162, wherein the antibody further comprises a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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166. (New) The method of claim 162, wherein the antibody further comprises a VH CDR1 having an amino acid sequence of SEQ ID NO:10.

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167. (New) The method of claim 162, wherein the antibody further comprises a VH CDR2 having an amino acid sequence of SEQ ID NO:19.

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168. (New) The method of claim 162, wherein the antibody further comprises a VH CDR3 having an amino acid sequence of SEQ ID NO:20.

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169. (New) The method of claim 163, wherein the antibody further comprises a VH CDR1 having an amino acid sequence of SEQ ID NO:10.

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170. (New) The method of claim 163, wherein the antibody further comprises a VH CDR2 having an amino acid sequence of SEQ ID NO:19.

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171. (New) The method of claim 163, wherein the antibody further comprises a VH CDR3 having an amino acid sequence of SEQ ID NO:20.

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--Claim 172. A method of preventing a respiratory syncytial virus (RSV) infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a VL CDR2 having an amino acid sequence of SEQ ID NO: 5, a VLCDR3 having an amino acid sequence of SEQ ID NO: 6, and a VH CDR1 having an amino acid sequence of SEQ ID NO: 10, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.

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Claim 173. A method of preventing a respiratory syncytial virus (RSV) infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a VL CDR2 having an amino acid sequence of SEQ ID NO: 5, a VLCDR3 having an amino acid sequence of SEQ ID NO: 6, and a VH CDR2 having an amino acid sequence of SEQ ID NO: 19, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.

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Claim 174. A method of preventing a respiratory syncytial virus (RSV) infection or a symptom thereof, said method comprising administering to a mammal in need thereof a dose of an effective amount of an antibody comprising a VL CDR2 having an amino acid sequence of SEQ ID NO: 5, a VLCDR3 having an amino acid sequence of SEQ ID NO: 6, and a VH CDR3 having an amino acid sequence of SEQ ID NO: 20, wherein the antibody immunospecifically binds to a RSV F antigen and the effective amount of the antibody results in an effective neutralizing titer of an antibody.--

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175. (New) The method of claim 165, wherein the antibody further comprises a VH CDR1 having an amino acid sequence of SEQ ID NO:10.

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176. (New) The method of claim 165, wherein the antibody further comprises a VH CDR2 having an amino acid sequence of SEQ ID NO:19.

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177. (New) The method of claim 165, wherein the antibody further comprises a VH CDR3 having an amino acid sequence of SEQ ID NO:20.

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178. (New) The method of claim 146, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39 and a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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179. (New) The method of claim 146, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39 and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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180. (New) The method of claim 146, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5 and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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181. (New) The method of claim 146, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39, a VL CDR2 having an amino acid sequence of SEQ ID NO:5, and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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182. (New) The method of claim 147, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39 and a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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183. (New) The method of claim 147, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39 and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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184. (New) The method of claim 147, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5 and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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185. (New) The method of claim 147, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39, a VL CDR2 having an amino acid sequence of SEQ ID NO:5, and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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186. (New) The method of claim 148, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39 and a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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187. (New) The method of claim 148, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39 and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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188. (New) The method of claim 148, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5 and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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189. (New) The method of claim 148, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39, a VL CDR2 having an amino acid sequence of SEQ ID NO:5, and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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190. (New) The method of claim 149, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39 and a VL CDR2 having an amino acid sequence of SEQ ID NO:5.

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191. (New) The method of claim 149, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39 and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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192. (New) The method of claim 149, wherein the antibody further comprises a VL CDR2 having an amino acid sequence of SEQ ID NO:5 and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

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193. (New) The method of claim 149, wherein the antibody further comprises a VL CDR1 having an amino acid sequence of SEQ ID NO:39, a VL CDR2 having an amino acid sequence of SEQ ID NO:5, and a VL CDR3 having an amino acid sequence of SEQ ID NO:6.

64 1 2 3 4-7
194. (New) The method of any one of claims 128, 129, 130 or 131-134, wherein the effective amount is 15 mg/kg or less, 10 mg/kg or less, 5 mg/kg or less or 3 mg/kg or less or 1.5 mg/kg or less.

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195. (New) The method of any one of claims 128, 129, 130 or 131-134, wherein the effective neutralizing titer is at least 1 μ g/ml, at least 2 μ g/ml, at least 4 μ g/ml, at least 6 μ g/ml, at least 30 μ g/ml, 35 μ g/ml, at least 40 μ g/ml, at least 50 μ g/ml, at least 75 μ g/ml, at least 100 μ g/ml, at least 150 μ g/ml or at least 200 μ g/ml.

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196. (New) The method of any one of claims 128, 129, 130 or 131-134, wherein the effective neutralizing titer is maintained for at least 20 days, at least 25 days or at least 30 days after administration of the dose.

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197. (New) The method of any one of claims 128, 129, 130 or 131-134, wherein the antibody is administered by a nebulizer or inhaler.

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198. (New) The method of any one of claims 128, 129, 130 or 131-134, wherein the antibody is administered intramuscularly, intravenously or subcutaneously.

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199. (New) The method of any one of claims 128, 129, 130 or 131-134, wherein the antibody is a monoclonal antibody, a human antibody, a humanized antibody, a multispecific antibody, a chimeric antibody, a Fab fragment, a single-chain Fv or a single chain antibody.

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200. (New) The method of any one of claims 128, 129, 130 or 131-134, wherein the antibody is administered 1, 2, 3, 4 or 5 times during the RSV season.

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201. (New) The method of any one of claims 128, 129, 130 or 131-134, wherein the mammal is a human subject.

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202. (New) The method of claim 201, wherein the human subject is a human infant, a human infant born prematurely or at risk of hospitalization for a RSV infection, a human subject which has had a bone marrow transplant, an elderly human subject, or a human subject which has cystic fibrosis, bronchopulmonary dysplasia, congenital heart disease, congenital immunodeficiency or acquired immunodeficiency.

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203. (New) The method of any one of claims 128, 129, 130 or 131-134 further comprising administering to the mammal hormonal therapy, immunotherapy or an anti-inflammatory agent.